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| <div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 100px; text-align: center;">UT<br/><b>PATENT APPLICATION<br/>TRANSMITTAL</b></div>  |   | <div style="border: 1px solid black; padding: 2px; margin: 0 auto; width: 100px; text-align: center;">+</div> <div style="border: 1px solid black; padding: 2px; margin: 0 auto; width: 100px; text-align: center;">Attorney Docket No. 0001-US</div> <div style="border: 1px solid black; padding: 2px; margin: 0 auto; width: 100px; text-align: center;">First Name or Application Identifier<br/>Iqbal Talib, et al</div> <div style="border: 1px solid black; padding: 2px; margin: 0 auto; width: 100px; text-align: center;">Express Mail Label No.</div> |              |
| <b>APPLICATION ELEMENTS</b><br><small>See MPEP chapter 600 concerning utility patent application contents.</small>  |   | <b>ADDRESS TO:</b><br>Commissioner for Patents<br>Box Patent Application<br>Washington, D.C. 20231   |              |
| <div>1. <input checked="" type="checkbox"/> <b>Fee Transmittal Form</b><br/><small>((Submit an original, and a duplicate for fee processing))</small></div> <div>2. <input checked="" type="checkbox"/> <b>Applicant claims small entity status.</b></div> <div>2. <input checked="" type="checkbox"/> <b>Specification</b> <span style="float: right;">Total Pages</span><br/><small>(preferred arrangement as set forth below)</small><ul style="list-style-type: none"><li>- Descriptive title of the Invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to Microfiche Appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul></div> <div>3. <input checked="" type="checkbox"/> <b>Drawing(s) (35 USC 113)</b> <span style="float: right;">[Total Sheets] 19</span></div> <div>4. <input checked="" type="checkbox"/> <b>Oath or Declaration</b> <span style="float: right;">[Total Pages] 2</span><ul style="list-style-type: none"><li>a. <input checked="" type="checkbox"/> Non-executed (original or copy)</li><li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with box 17 completed) [Note Box 5 below]</li><li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) named in the prior application, See 37 CFR 1.63(d)(2) and 1.33(b)</li></ul></div> <div>5. <input type="checkbox"/> <b>Incorporation By Reference</b> <small>(usable if Box 4b is checked)</small><br/>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</div> |   | <div>6. <input type="checkbox"/> <b>Microfiche Computer Program (Appendix)</b></div> <div>7. <input type="checkbox"/> <b>Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</b><ul style="list-style-type: none"><li>a. <input type="checkbox"/> Computer Readable Copy</li><li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li><li>c. <input type="checkbox"/> Statement verifying identity of above copies</li></ul></div>  |              |
| <b>ACCOMPANYING APPLICATION PARTS</b>   |   |  |              |
| <div>8. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</div> <div>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br/><small>(when there is an assignee)</small></div> <div>10. <input type="checkbox"/> English Translation Document (if applicable)</div> <div>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</div> <div>12. <input type="checkbox"/> Preliminary Amendment</div> <div>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)</div> <div>14. <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Statement filed in prior application, Status till proper and desired</div> <div>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></div> <div>16. <input type="checkbox"/> Other: Request and Certification under 35 U.S.C. 122(b)(2)(B)(i)</div>   |   |  |              |
| <b>17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:</b><br><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: /  |   |  |              |
| <b>18. CORRESPONDENCE ADDRESS</b>   |   |  |              |
| <input type="checkbox"/> Customer Number or Bar Code Label <span style="float: right;"><input type="checkbox"/> Correspondence address below</span>   |   |  |              |
| Name  |   | George T. Marcou   |              |
| Address   |   | KILPATRICK STOCKTON LLP  |              |
|   |   | 700 13th Street, N.W.  |              |
|   |   | Suite 800  |              |
| City  | Washington  | State  | DC           |
| Country   | U.S.A.  | Telephone  | 202.508.5800 |
|   |   | Fax  | 202.508.5858 |
| Name (Print/Type)   | George T. Marcou  | Reg. No.   | 33,014       |
| Signature   |  | Date   | 3/30/01      |

|  |                    |  |  |                    |                  |             |          |                      |                    |               |                  |                  |                  |                     |            |
|--|--------------------|--|--|--------------------|------------------|-------------|----------|----------------------|--------------------|---------------|------------------|------------------|------------------|---------------------|------------|
| <h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2001</h2> <p style="margin: 5px 0;"><i>Patent fees are subject to annual revision.</i></p> |                    | <p><b>Complete if Known</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>Not Yet Assigned</td> </tr> <tr> <td>Filing Date</td> <td>Herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>Iqbal Talib, et al</td> </tr> <tr> <td>Examiner Name</td> <td>Not Yet Assigned</td> </tr> <tr> <td>Group / Art Unit</td> <td>Not Yet Assigned</td> </tr> <tr> <td>Attorney Docket No.</td> <td>IGX0001-US</td> </tr> </table> |  | Application Number | Not Yet Assigned | Filing Date | Herewith | First Named Inventor | Iqbal Talib, et al | Examiner Name | Not Yet Assigned | Group / Art Unit | Not Yet Assigned | Attorney Docket No. | IGX0001-US |
| Application Number   | Not Yet Assigned   |  |  |                    |                  |             |          |                      |                    |               |                  |                  |                  |                     |            |
| Filing Date  | Herewith           |  |  |                    |                  |             |          |                      |                    |               |                  |                  |                  |                     |            |
| First Named Inventor   | Iqbal Talib, et al |  |  |                    |                  |             |          |                      |                    |               |                  |                  |                  |                     |            |
| Examiner Name  | Not Yet Assigned   |  |  |                    |                  |             |          |                      |                    |               |                  |                  |                  |                     |            |
| Group / Art Unit   | Not Yet Assigned   |  |  |                    |                  |             |          |                      |                    |               |                  |                  |                  |                     |            |
| Attorney Docket No.  | IGX0001-US         |  |  |                    |                  |             |          |                      |                    |               |                  |                  |                  |                     |            |
| <b>TOTAL AMOUNT OF PAYMENT</b> (\$) 620  |                    |  |  |                    |                  |             |          |                      |                    |               |                  |                  |                  |                     |            |

| <p><b>METHOD OF PAYMENT (check one)</b></p> <p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <div style="margin-top: 10px;"> <p>Deposit Account Number: 501458</p> <p>Deposit Account Name:</p> </div> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check    <input type="checkbox"/> Credit card    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p>   |                 |                |                 |  | <p><b>FEE CALCULATION (continued)</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>130</td><td>123</td><td>130</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table> <p>Other fee (specify) _____</p> <p>*Reduced by Basic Filing Fee Paid      <b>SUBTOTAL (3)</b> (\$) 0</p> |                 |                |                 |                 | Large Entity   |          | Small Entity |     | Fee Description | Fee Paid           | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 105 | 130               | 205 | 65  | Surcharge - late filing fee or oath |     | 127 | 50               | 227 | 25  | Surcharge - late provisional filing fee or cover sheet |     | 139 | 130                | 139 | 130 | Non-English specification |     | 147 | 2,520                  | 147 | 2,520               | For filing a request for reexamination |  | 112 | 920* | 112             | 920*         | Requesting publication of SIR prior to Examiner action |     | 113 | 1,840* | 113          | 1,840* | Requesting publication of SIR after Examiner action |   | 115 | 110            | 215      | 55                 | Extension for reply within first month |    | 116 | 390 | 216 | 195 | Extension for reply within second month |   | 117 | 890 | 217 | 445                | Extension for reply within third month |  | 118 | 1,390 | 218 | 695 | Extension for reply within fourth month |   | 128 | 1,890 | 228 | 945            | Extension for reply within fifth month |                | 119             | 310             | 219      | 155 | Notice of Appeal |     | 120 | 310                    | 220 | 155 | Filing a brief in support of an appeal |     | 121 | 270                               | 221 | 135 | Request for oral hearing |     | 138 | 1,510                                 | 138 | 1,510 | Petition to institute a public use proceeding |     | 140 | 110  | 240 | 55  | Petition to revive - unavoidable |     | 141 | 1,240  | 241 | 620                 | Petition to revive - unintentional |  | 142 | 1,240 | 242             | 620 | Utility issue fee (or reissue) |  | 143 | 440 | 243 | 220 | Design issue fee |  | 144 | 600 | 244 | 300 | Plant issue fee |  | 122 | 130 | 122 | 130 | Petitions to the Commissioner |  | 123 | 130 | 123 | 130 | Petitions related to provisional applications |  | 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt |  | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) |  | 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) |  | 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) |  | 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) |  | 169 | 900 | 169 | 900 | Request for expedited examination of a design application |  |
|---|-----------------|----------------|-----------------|--|--|-----------------|----------------|-----------------|-----------------|----------------|----------|--------------|-----|-----------------|--------------------|----------|----------|----------|----------|-----|-------------------|-----|-----|-------------------------------------|-----|-----|------------------|-----|-----|--|-----|-----|--------------------|-----|-----|---------------------------|-----|-----|------------------------|-----|---------------------|--|--|-----|------|-----------------|--------------|--|-----|-----|--------|--------------|--------|---|---|-----|----------------|----------|--------------------|--|----|-----|-----|-----|-----|---|---|-----|-----|-----|--------------------|--|--|-----|-------|-----|-----|---|---|-----|-------|-----|----------------|--|----------------|-----------------|-----------------|----------|-----|------------------|-----|-----|------------------------|-----|-----|--|-----|-----|-----------------------------------|-----|-----|--------------------------|-----|-----|---------------------------------------|-----|-------|---|-----|-----|--|-----|-----|----------------------------------|-----|-----|--|-----|---------------------|------------------------------------|--|-----|-------|-----------------|-----|--------------------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|---|--|-----|----|-----|----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|-----|-----|-----|-----|---|--|-----|-----|-----|-----|---|--|
| Large Entity  |                 | Small Entity   |                 | Fee Description  | Fee Paid   |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| Fee Code  | Fee (\$)        | Fee Code       | Fee (\$)        |  |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 105   | 130             | 205            | 65              | Surcharge - late filing fee or oath  |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 127   | 50              | 227            | 25              | Surcharge - late provisional filing fee or cover sheet                     |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 139   | 130             | 139            | 130             | Non-English specification  |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 147   | 2,520           | 147            | 2,520           | For filing a request for reexamination                                     |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 112   | 920*            | 112            | 920*            | Requesting publication of SIR prior to Examiner action                     |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 113   | 1,840*          | 113            | 1,840*          | Requesting publication of SIR after Examiner action                        |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 115   | 110             | 215            | 55              | Extension for reply within first month                                     |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 116   | 390             | 216            | 195             | Extension for reply within second month                                    |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 117   | 890             | 217            | 445             | Extension for reply within third month                                     |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 118   | 1,390           | 218            | 695             | Extension for reply within fourth month                                    |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 128   | 1,890           | 228            | 945             | Extension for reply within fifth month                                     |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 119   | 310             | 219            | 155             | Notice of Appeal   |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 120   | 310             | 220            | 155             | Filing a brief in support of an appeal                                     |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 121   | 270             | 221            | 135             | Request for oral hearing   |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 138   | 1,510           | 138            | 1,510           | Petition to institute a public use proceeding                              |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 140   | 110             | 240            | 55              | Petition to revive - unavoidable   |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 141   | 1,240           | 241            | 620             | Petition to revive - unintentional   |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 142   | 1,240           | 242            | 620             | Utility issue fee (or reissue)   |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 143   | 440             | 243            | 220             | Design issue fee   |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 144   | 600             | 244            | 300             | Plant issue fee  |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 122   | 130             | 122            | 130             | Petitions to the Commissioner  |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 123   | 130             | 123            | 130             | Petitions related to provisional applications                              |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 126   | 180             | 126            | 180             | Submission of Information Disclosure Stmt                                  |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 581   | 40              | 581            | 40              | Recording each patent assignment per property (times number of properties) |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 146   | 710             | 246            | 355             | Filing a submission after final rejection (37 CFR § 1.129(a))              |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 149   | 710             | 249            | 355             | For each additional invention to be examined (37 CFR § 1.129(b))           |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 179   | 710             | 279            | 355             | Request for Continued Examination (RCE)                                    |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 169   | 900             | 169            | 900             | Request for expedited examination of a design application                  |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| <p><b>FEE CALCULATION</b></p> <p>1. <b>BASIC FILING FEE</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td>355</td></tr> <tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5"><b>SUBTOTAL (1)</b></td><td><b>(\$ 355)</b></td></tr> </tbody> </table> <p>2. <b>EXTRA CLAIM FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Total Claims</td> <td>45</td> <td>-20</td> <td>=</td> <td>25</td> <td>Extra Claims</td> <td>X</td> <td>9</td> <td>=</td> <td>225</td> <td>Fee from below</td> <td>Fee Paid</td> </tr> <tr> <td>Independent Claims</td> <td>4</td> <td>-3</td> <td>=</td> <td>1</td> <td></td> <td>X</td> <td>40</td> <td>=</td> <td>40</td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td>=</td> <td>0</td> <td></td> <td></td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="5"><b>SUBTOTAL (2)</b></td><td><b>(\$ 265)</b></td></tr> </tbody> </table> <p>**or number previously paid, if greater; For Reissues, see above</p> |                 |                |                 |  | Large Fee Code   | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid       | 101      | 710          | 201 | 355             | Utility filing fee | 355      | 106      | 320      | 206      | 160 | Design filing fee |     | 107 | 490                                 | 207 | 245 | Plant filing fee |     | 108 | 710  | 208 | 355 | Reissue filing fee |     | 114 | 150                       | 214 | 75  | Provisional filing fee |     | <b>SUBTOTAL (1)</b> |  |  |     |      | <b>(\$ 355)</b> | Total Claims | 45   | -20 | =   | 25     | Extra Claims | X      | 9   | = | 225 | Fee from below | Fee Paid | Independent Claims | 4                                      | -3 | =   | 1   |     | X   | 40                                      | = | 40  |     |     | Multiple Dependent |  |  |     |       |     | X   |   | = | 0   |       |     | Large Fee Code | Entity Fee (\$)                        | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid | 103 | 18               | 203 | 9   | Claims in excess of 20 |     | 102 | 80                                     | 202 | 40  | Independent claims in excess of 3 |     | 104 | 270                      | 204 | 135 | Multiple dependent claim, if not paid |     | 109   | 80  | 209 | 40  | ** Reissue independent claims over original patent |     | 110 | 18                               | 210 | 9   | ** Reissue claims in excess of 20 and over original patent |     | <b>SUBTOTAL (2)</b> |                                    |  |     |       | <b>(\$ 265)</b> |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| Large Fee Code  | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid   |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 101   | 710             | 201            | 355             | Utility filing fee   | 355  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 106   | 320             | 206            | 160             | Design filing fee  |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 107   | 490             | 207            | 245             | Plant filing fee   |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 108   | 710             | 208            | 355             | Reissue filing fee   |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 114   | 150             | 214            | 75              | Provisional filing fee   |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| <b>SUBTOTAL (1)</b>   |                 |                |                 |  | <b>(\$ 355)</b>  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| Total Claims  | 45              | -20            | =               | 25   | Extra Claims   | X               | 9              | =               | 225             | Fee from below | Fee Paid |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| Independent Claims  | 4               | -3             | =               | 1  |  | X               | 40             | =               | 40              |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| Multiple Dependent  |                 |                |                 |  |  | X               |                | =               | 0               |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| Large Fee Code  | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid   |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 103   | 18              | 203            | 9               | Claims in excess of 20   |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 102   | 80              | 202            | 40              | Independent claims in excess of 3  |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 104   | 270             | 204            | 135             | Multiple dependent claim, if not paid                                      |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 109   | 80              | 209            | 40              | ** Reissue independent claims over original patent                         |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| 110   | 18              | 210            | 9               | ** Reissue claims in excess of 20 and over original patent                 |  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |
| <b>SUBTOTAL (2)</b>   |                 |                |                 |  | <b>(\$ 265)</b>  |                 |                |                 |                 |                |          |              |     |                 |                    |          |          |          |          |     |                   |     |     |                                     |     |     |                  |     |     |  |     |     |                    |     |     |                           |     |     |                        |     |                     |  |  |     |      |                 |              |  |     |     |        |              |        |   |   |     |                |          |                    |  |    |     |     |     |     |   |   |     |     |     |                    |  |  |     |       |     |     |   |   |     |       |     |                |  |                |                 |                 |          |     |                  |     |     |                        |     |     |  |     |     |                                   |     |     |                          |     |     |                                       |     |       |   |     |     |  |     |     |                                  |     |     |  |     |                     |                                    |  |     |       |                 |     |                                |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |     |     |     |   |  |     |     |     |     |   |  |     |    |     |    |  |  |     |     |     |     |   |  |     |     |     |     |  |  |     |     |     |     |   |  |     |     |     |     |   |  |

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|----------------------------|------------------|---------------------------------|--------|--|--------------|
| <p><b>SUBMITTED BY</b></p> |                  |                                 |        | <p><b>Complete (if applicable)</b></p> |              |
| Name (Print/Type)          | George T. Maroon | Registration No. Attorney/Agent | 33,014 | Telephone                              | 202 508 5800 |
| Signature                  |                  |                                 |        | Date                                   | 7/30/01      |

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